

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

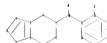
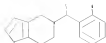
LOGINID:SSPTADEG1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/Caplus and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	27	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	28	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	29	JUN 25	CA/Caplus and USPAT databases updated with IPC reclassification data
NEWS	30	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	31	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated



```

chain nodes :
10 17 19
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16
chain bonds :
5-10 10-11 10-19 12-17
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 11-12 11-16 12-13 13-14 14-15
15-16
exact/norm bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 5-10 7-8 8-9 10-19
exact bonds :
10-11 12-17
normalized bonds :
11-12 11-16 12-13 13-14 14-15 15-16

```

G1:C,H

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 19:CLASS

```

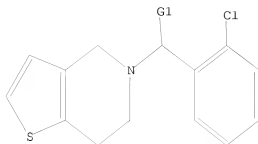
L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1

STR

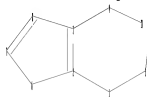
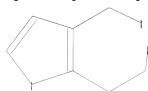


G1 C,H

Structure attributes must be viewed using STN Express query preparation.

=>

Uploading C:\Program Files\Stnexp\Queries\10-598790genB.str



```
chain nodes :
1 4 5 10 11
ring nodes :
2 3 6 7 8
chain bonds :
1-2 1-5 3-4 4-10 5-11
ring bonds :
2-3 2-6 3-8 6-7 7-8
exact/norm bonds :
2-3 2-6 3-8 6-7 7-8
exact bonds :
1-2 1-5 3-4 4-10 5-11
```

G1:C,H

Match level :

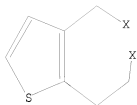
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 10:CLASS 11:CLASS

L2 STRUCTURE UPLOADED

=> d l2

L2 HAS NO ANSWERS

L2 STR



G1 C,H

Structure attributes must be viewed using STN Express query preparation.

=>

Uploading C:\Program Files\Stnexp\Queries\10-598790genC.str



```
chain nodes :
1 4 5 10 11
ring nodes :
2 3 6 7 8
chain bonds :
1-2 1-5 3-4 4-10 5-11
ring bonds :
2-3 2-6 3-8 6-7 7-8
exact/norm bonds :
2-3 2-6 3-8 4-10 5-11 6-7 7-8
exact bonds :
```

1-2 1-5 3-4

G1:C,H

G2:X,S,Cl,Br,I

Match level :

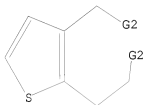
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 10:CLASS 11:CLASS

L3 STRUCTURE UPLOADED

=> d l3

L3 HAS NO ANSWERS

L3 STR



G1 C,H

G2 X,S,Cl,Br,I

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 19:30:29 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3325 TO ITERATE

100.0% PROCESSED 3325 ITERATIONS

465 ANSWERS

SEARCH TIME: 00.00.01

L4 465 SEA SSS FUL L1

=> s l2 sss full

FULL SEARCH INITIATED 19:30:47 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2092 TO ITERATE

100.0% PROCESSED 2092 ITERATIONS

7 ANSWERS

SEARCH TIME: 00.00.01

L5 7 SEA SSS FUL L2

=> s l3 sss full

FULL SEARCH INITIATED 19:30:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2152 TO ITERATE

100.0% PROCESSED 2152 ITERATIONS

7 ANSWERS

SEARCH TIME: 00.00.01

L6 7 SEA SSS FUL L3

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
535.54	535.75

FILE 'CAPLUS' ENTERED AT 19:31:16 ON 14 JUL 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 14 Jul 2008 VOL 149 ISS 3
FILE LAST UPDATED: 13 Jul 2008 (20080713/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 14
L7 2624 L4

=> s 15
L8 5 L5

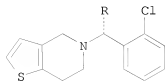
=> s 16
L9 5 L6

=> s 17 and 18
L10 1 L7 AND L8

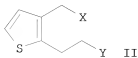
=> s 17 and 19
L11 1 L7 AND L9

=> d 110 abs ibib hitstr

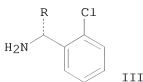
L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
GI



I



II



III

AB Title compds. (I; R = H, MeO2C), were prepared by reaction of thiophene derivs. (II; X, Y = Cl, Br, mesyloxy, tosyloxy) with chlorobenzylamines (III; R as above). Thus, 2-(2-bromoethyl)-3-bromomethylthiophene (preparation given), 2-chlorobenzylamine, and diisopropylamine were refluxed together for 5 h in MeCN to give 78% Ticlopidine.

ACCESSION NUMBER: 2005:1026954 CAPLUS

DOCUMENT NUMBER: 143:326345

TITLE: preparation of chlorobenzylthienopyridines from chlorobenzylamines and hydroxymethylthiopheneethanol derivatives

INVENTOR(S): Yun, Sangmin; Kim, Eun Sook; Kim, Hee Seock; Ha, Tae Hee; Suh, Kwee-Hyun; Lee, Gwan Sun

PATENT ASSIGNEE(S): Hanmi Pharm. Co., Ltd., S. Korea

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005087779	A1	20050922	WO 2005-KR586	20050303
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
KR 2005091330	A	20050915	KR 2004-16714	20040312
AU 2005222016	A1	20050922	AU 2005-222016	20050303
AU 2005222016	B2	20080214		
CA 2559571	A1	20050922	CA 2005-2559571	20050303
EP 1723149	A1	20061122	EP 2005-721898	20050303
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1930172	A	20070314	CN 2005-80008059	20050303
BR 2005008597	A	20070821	BR 2005-8597	20050303
JP 2007528895	T	20071018	JP 2007-502702	20050303
RU 2322446	C1	20080420	RU 2006-136031	20050303
MX 2006PA10326	A	20061207	MX 2006-PA10326	20060911
US 20070197789	A1	20070823	US 2006-598790	20060912
IN 2006DN05824	A	20070831	IN 2006-DN5824	20061006
PRIORITY APPLN. INFO.:			KR 2004-16714	A 20040312
			WO 2005-KR586	W 20050303

OTHER SOURCE(S): CASREACT 143:326345; MARPAT 143:326345

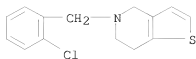
IT 55142-85-3P, Ticlopidine 113665-84-2P, Clopidogrel

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(preparation of chlorobenzylthienopyridines from chlorobenzylamines and hydroxymethylthiopheneethanol derivs.)

RN 55142-85-3 CAPLUS

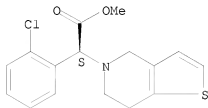
CN Thieno[3,2-c]pyridine, 5-[(2-chlorophenyl)methyl]-4,5,6,7-tetrahydro- (CA INDEX NAME)



RN 113665-84-2 CAPLUS

CN Thieno[3,2-c]pyridine-5(4H)-acetic acid, α -(2-chlorophenyl)-6,7-dihydro-, methyl ester, (α S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

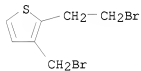


IT 865187-82-2P 865187-83-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of chlorobenzylthienopyridines from chlorobenzylamines and hydroxymethylthiopheneethanol derivs.)

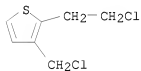
RN 865187-82-2 CAPLUS

CN Thiophene, 2-(2-bromoethyl)-3-(bromomethyl)- (CA INDEX NAME)



RN 865187-83-3 CAPLUS

CN Thiophene, 2-(2-chloroethyl)-3-(chloromethyl)- (CA INDEX NAME)

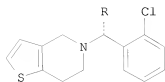


REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

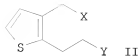
=> d l11 abs ibib hitstr

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

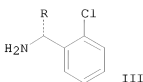
GI



I



II



III

AB Title compds. (I; R = H, MeO₂C), were prepared by reaction of thiophene derivs. (II; X, Y = Cl, Br, mesyloxy, tosyloxy) with chlorobenzylamines (III; R as above). Thus, 2-(2-bromoethyl)-3-bromomethylthiophene (preparation given), 2-chlorobenzylamine, and diisopropylamine were refluxed together for 5 h in MeCN to give 78% Ticlopidine.

ACCESSION NUMBER: 2005:1026954 CAPLUS

DOCUMENT NUMBER: 143:326345

TITLE: preparation of chlorobenzylthienopyridines from chlorobenzylamines and hydroxymethylthiopheneethanol derivatives

INVENTOR(S): Yun, Sangmin; Kim, Eun Sook; Kim, Hee Seock; Ha, Tae Hee; Suh, Kwee-Hyun; Lee, Gwan Sun

PATENT ASSIGNEE(S): Hanmi Pharm. Co., Ltd., S. Korea

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005087779	A1	20050922	WO 2005-KR586	20050303
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SE, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
KR 2005091330	A	20050915	KR 2004-16714	20040312
AU 2005222016	A1	20050922	AU 2005-222016	20050303
AU 2005222016	B2	20080214		
CA 2559571	A1	20050922	CA 2005-2559571	20050303
EP 1723149	A1	20061122	EP 2005-721898	20050303
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1930172	A	20070314	CN 2005-80008059	20050303
BR 2005008597	A	20070821	BR 2005-8597	20050303
JP 2007528895	T	20071018	JP 2007-502702	20050303
RU 2322446	C1	20080420	RU 2006-136031	20050303
MX 2006PA10326	A	20061207	MX 2006-PA10326	20060911
US 20070197789	A1	20070823	US 2006-598790	20060912
IN 2006DN05824	A	20070831	IN 2006-DN5824	20061006
PRIORITY APPLN. INFO.:			KR 2004-16714	A 20040312
			WO 2005-KR586	W 20050303

OTHER SOURCE(S): CASREACT 143:326345; MARPAT 143:326345

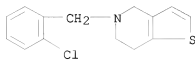
IT 55142-85-3P, Ticlopidine 113665-84-2P, Clopidogrel

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(preparation of chlorobenzylthienopyridines from chlorobenzylamines and hydroxymethylthiopheneethanol derivs.)

RN 55142-85-3 CAPLUS

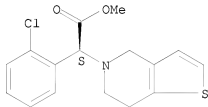
CN Thieno[3,2-c]pyridine, 5-[(2-chlorophenyl)methyl]-4,5,6,7-tetrahydro- (CA INDEX NAME)



RN 113665-84-2 CAPLUS

CN Thieno[3,2-c]pyridine-5(4H)-acetic acid, α -(2-chlorophenyl)-6,7-dihydro-, methyl ester, (α S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



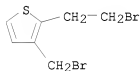
IT 865187-82-2P 865187-83-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of chlorobenzylthienopyridines from chlorobenzylamines and hydroxymethylthiopheneethanol derivs.)

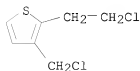
RN 865187-82-2 CAPLUS

CN Thiophene, 2-(2-bromoethyl)-3-(bromomethyl)- (CA INDEX NAME)



RN 865187-83-3 CAPLUS

CN Thiophene, 2-(2-chloroethyl)-3-(chloromethyl)- (CA INDEX NAME)



REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log off

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 19:34:19 ON 14 JUL 2008